

L Number	Hits	Search Text	DB	Time Stamp
-	0	boucle\$1 and (br adj3 filament\$3) and (aramid\$1 or kevlar or nomex)	USPAT	2003/01/21 11:46
-	0	boucle\$1 and (br adj3 filament\$3) and (aramid\$1 or kevlar or nomex)	USPAT; EPO; JPO; DERWENT	2003/01/07 12:12
-	156	boucle\$1	USPAT; EPO; JPO; DERWENT	2003/01/07 12:15
-	0	("4120914" "4198494" "5299602" "5305593" "5336734" "5356666" "5389326" "5468537") and boucle	USPAT	2003/01/09 17:02
-	46	("4120914" "4198494" "5299602" "5305593" "5336734" "5356666" "5389326" "5468537") and filament	USPAT	2003/01/21 13:57
-	33	("4120914" "4198494" "5299602" "5305593" "5336734" "5356666" "5389326" "5468537") and filament\$3 and (woven or weave)	USPAT	2003/01/07 13:23
-	17	"5323815"	USPAT	2003/01/07 13:16
-	6	marcanada	USPAT	2003/01/07 13:23
-	1	"4141082".PN.	USPAT	2003/01/07 13:27
-	1	"4287608".PN.	USPAT	2003/01/07 13:27
-	1	"4662006".PN.	USPAT	2003/01/07 13:32
-	1	"5131097".PN.	USPAT	2003/01/07 13:32
-	1	"5136723".PN.	USPAT	2003/01/07 13:32
-	1	"5189737".PN.	USPAT	2003/01/07 13:32
-	1	"5198280".PN.	USPAT	2003/01/07 13:32
-	1	"5202086".PN.	USPAT	2003/01/07 13:32
-	1	"5189737".PN.	USPAT	2003/01/07 13:33
-	1	"5202086".PN.	USPAT	2003/01/07 13:33
-	1	"5299602".PN.	USPAT	2003/01/07 13:33
-	74	4120914 4198494 5299602 5305593 5336734 5356666 5389326 5468537	USPAT	2003/01/08 17:29
-	6	("4120914" "4198494" "5299602" "5305593" "5336734" "5356666" "5389326" "5468537") and (br adj jet) or boucle	USPAT	2003/01/08 17:39
-	92	(br adj jet) or boucle) and (filament) and (aramid\$1 or kevlar or nomex) and (weave\$3 or woven\$3)	USPAT	2003/01/08 17:40
-	28	(br adj jet) or boucle) and (multi filament) or (multifilament) or (bifilament) or (bi filament) and (aramid\$1 or kevlar or nomex) and (weave\$3 or	USPAT	2003/01/08 17:41

1	5397627.pn.	USPAT	2003/01/09 09:46
11	5397627"	USPAT	2003/01/09 09:46
0	"5397627" and (MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide))	USPAT	2003/01/09 09:46
175	(MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide))	USPAT	2003/01/09 09:46
0	(MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide) or (para adj aramid\$1) or (para-aramid\$1)) and "5397627"	USPAT	2003/01/09 09:47
453	(MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide) or (para adj aramid\$1) or (para-aramid\$1))	USPAT	2003/01/09 09:48
278	(MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1))	USPAT	2003/01/09 09:48
110	(MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1)) and (PPTA or TWARON or (poly adj paraphenylene adj terephthalamide) or (para adj aramid\$1) or (para-aramid\$1))	USPAT	2003/01/09 15:36
11	(MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1)) and (PPTA or TWARON or (poly adj paraphenylene adj terephthalamide) or (para adj aramid\$1) or (para-aramid\$1)) and entangl\$4	USPAT	2003/01/09 09:49
0	(MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1)) and (PPTA or TWARON or (poly adj paraphenylene adj terephthalamide) or (para adj aramid\$1) or (para-aramid\$1)) and ((multi-component\$1) or (multi adj component) or (bi-component\$1) or (bi adj component))	USPAT	2003/01/09 10:05
190	(MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1)) and (PPTA or TWARON or KEVLAR or (poly adj paraphenylene adj terephthalamide) or (para adj aramid\$1) or (para-aramid\$1))	USPAT	2003/01/09 17:00
0	(MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1)) and (PPTA or TWARON or KEVLAR or (poly adj paraphenylene adj terephthalamide) or (para adj aramid\$1) or (para-aramid\$1)) and ((bi adj component\$1) or (bi component\$1) or (multi adj component\$1) or (multi-component\$1))	USPAT	2003/01/09 15:38
76	(MPIA or TELJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1)) and (PPTA or TWARON or KEVLAR or (poly adj paraphenylene adj terephthalamide) or (para adj aramid\$1) or (para-aramid\$1)) and entangl\$4	USPAT	2003/01/09 17:03

3	(MPIA or TEIJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1)) and (PPTA or TWARON or KEVLAR or (poly adj paraphenylene adj terephthalamide) or (para adj aramid\$1) or (para-aramid\$1)) and ((4120914 4198494 5299602 5305593 5336734 5356666 5389326 5468537))	USPAT	2003/01/15 10:40
1	4120914.pn.	USPAT	2003/01/09 17:05
1	4120914.pn.	USPAT	2003/01/10 09:39
0	B378760.PN.	USPAT	2003/01/10 08:58
0	B378760.PN.	USPAT	2003/01/10 08:58
1	3817941.PN.	USPAT	2003/01/10 08:58
22	4120914	USPAT	2003/01/10 09:39
454	(MPIA or TEIJINCONEX or (poly adj metaphenylene adj isophthalamide) or (para adj aramid\$1) or (para-aramid\$1))	USPAT	2003/01/15 10:34
1987	428/921	USPAT	2003/01/15 10:40
1663	(428/921).CCLS.	USPAT	2003/01/15 10:41
2	(MPIA or TEIJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1)) and (PPTA or TWARON or KEVLAR or (poly adj paraphenylene adj terephthalamide) or (para adj aramid\$1) or (para-aramid\$1)) and ((428/921).CCLS.)	USPAT	2003/01/15 10:50
76	(MPIA or TEIJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1)) and (PPTA or TWARON or KEVLAR or (poly adj paraphenylene adj terephthalamide) or (para adj aramid\$1) or (para-aramid\$1)) and filament	USPAT	2003/01/15 10:50
76	(MPIA or TEIJINCONEX or (poly adj metaphenylene adj isophthalamide) or (meta adj aramid\$1) or (meta-aramid\$1)) and (PPTA or TWARON or KEVLAR or (poly adj paraphenylene adj terephthalamide) or (para adj aramid\$1) or (para-aramid\$1)) and filament\$2	USPAT	2003/01/15 16:36
1	3767756.PN.	USPAT	2003/01/15 10:59
1	3869429.PN.	USPAT	2003/01/15 10:59
1	4120914.PN.	USPAT	2003/01/15 10:59
1	4198494.PN.	USPAT	2003/01/15 10:59
1	4228218.PN.	USPAT	2003/01/15 10:59
1	4228218.PN.	USPAT	2003/01/15 10:59

1	"4888091".PN.	USPAT	2003/01/15 11:00
42	(264/904).CCLS	USPAT	2003/01/15 16:36
49	((MPIA or (m adj3 aramid) or (m-aramid) or TELJINCONEX or (poly adj3 metaphenylene adj3 isophthalamide) or (polymetaphenylene adj2 isophthalamide)) and ((para adj aramid\$1) or (para-aramid\$1) or (p-aramid) or (p adj2 aramid) or (KEVLAR) or twaron or PPTA or (poly adj3 paraphenylene adj2 terphthalamide)) and filament\$3	USPAT	2003/01/21 11:54
290	(Nomex or MPIA or (m adj3 aramid) or (m-aramid) or TELJINCONEX or (poly adj3 metaphenylene adj3 isophthalamide) or (polymetaphenylene adj2 isophthalamide)) and ((para adj aramid\$1) or (para-aramid\$1) or (p-aramid) or (p adj2 aramid) or (KEVLAR) or twaron or PPTA or (poly adj3 paraphenylene adj2 terphthalamide)) and filament\$3	USPAT	2003/01/16 09:14
216	(Nomex or MPIA or (m adj3 aramid) or (m-aramid) or TELJINCONEX or (poly adj3 metaphenylene adj3 isophthalamide) or (polymetaphenylene adj2 isophthalamide)) and ((para adj aramid\$1) or (para-aramid\$1) or (p-aramid) or (p adj2 aramid) or (KEVLAR) or twaron or PPTA or (poly adj3 paraphenylene adj2 terphthalamide)) and filament\$3 and yarn\$3	USPAT	2003/01/22 09:33
1	4159618.pn.	USPAT	2003/01/16 10:18
1	"2369876".PN.	USPAT	2003/01/16 10:11
1	"3843587".PN.	USPAT	2003/01/16 10:11
1	"3881977".PN.	USPAT	2003/01/16 10:11
1	"4056651".PN.	USPAT	2003/01/16 10:11
727	Nomex and Kevlar	USPAT	2003/01/16 10:18
224	Nomex and Kevlar and yarn and (filament\$2 or continuous)	USPAT	2003/01/16 14:14
40	Nomex same Kevlar same yarn\$2 same (filament\$2 or continuous)	USPAT	2003/01/16 10:19
43	Nomex same Kevlar same yarn\$2 same (filament\$2 or continuous)	USPAT; EPO; IPO; DERWENT	2003/01/16 13:59
38	4729151 4535516 4237187	USPAT; EPO; IPO; DERWENT	2003/01/16 13:41
7	aramid and (partially adj2 orient\$3 adj3 (fiber\$2 or filament\$3))	USPAT	2003/01/16 13:54
16	"9104855" "9214608"	USPAT; EPO; IPO; DERWENT	2003/01/16 13:56
75	0207422 0310199 0624115	USPAT; EPO; IPO; DERWENT	2003/01/16 13:57

1	4120914.PN.	USPAT	2003/01/21 13:41
51	{ 4120914 "4198494" 5299602 5305593 5336734 5356666" 5389326 5468537" } and (denier\$3 or tex\$3)	USPAT	2003/01/21 13:58
1	{ 4120914 "4198494" 5299602 5305593" 5336734" 5356666" 5389326" 5468537" } and (denier\$3 or tex\$3) and (MPIA or (m adj3 aramid) or (m aramid) or TELJINCONEX or (poly adj3 metaphenylene adj3 isophthalamide) or (polymetaphenylene adj2 isophthalamide)) and (i para adj aramid\$1) or (para-aramid\$1) or (p-aramid) or (p adj2 aramid) or (KEVLAR) or twaron or PPTA or (poly adj3 paraphenylene adj2 terphthalamide))	USPAT	2003/01/21 14:03
22	"4120914"	USPAT	2003/01/21 14:03
0	"B378760".PN.	USPAT	2003/01/21 14:03
0	"B378760".PN.	USPAT	2003/01/21 14:03
1	3817941".PN.	USPAT	2003/01/21 14:03
1	3869429".PN.	USPAT	2003/01/21 14:03
1	3869430".PN.	USPAT	2003/01/21 14:03
4	"6146759"	USPAT	2003/01/21 14:18
1	"3366001".PN.	USPAT	2003/01/21 14:20
1	"3439491".PN.	USPAT	2003/01/21 14:21
1	"3729920".PN.	USPAT	2003/01/21 14:21
1	3828544".PN.	USPAT	2003/01/21 14:21
81279	"1593" "048" 57-59585 58-100323 60-107608 61-261330 62-141044	EPO; JPO; DERWENT	2003/01/21 14:24

0
57-59585
58-100323
60-107608
61-261330
1-141041

EPO; JPO; 2003/01/21
DERWENT 14:24

12 5759585
58100323
60107608
61261330
1141041

EPO; JPO; 2003/01/21
DERWENT 14:24

14 (MPIA or (m adj3 aramid) or (m-aramid) or
TELJINCONEX or (poly adj3 metaphenylene adj3
isophthalamide) or (polymetaphenylene adj2
isophthalamide)) and ((para adj aramid\$1) or
(para-aramid\$1) or (p-aramid) or (p adj2 aramid)
or (KEVLAR) or twaron or PPTA or (poly adj3
paraphenylene adj2 terphthalamide))

EPO; JPO; 2003/01/21
DERWENT 14:29

127 (MPIA or (m adj3 aramid) or (m-aramid) or
TELJINCONEX or (poly adj3 metaphenylene adj3
isophthalamide) or (polymetaphenylene adj2
isophthalamide)) and ((para adj aramid\$1) or
(para-aramid\$1) or (p-aramid) or (p adj2 aramid)
or (KEVLAR) or twaron or PPTA or (poly adj3
paraphenylene adj2 terphthalamide))

USPAT 2003/01/21
14:29

60 (MPIA or (m adj3 aramid) or (m-aramid) or
TELJINCONEX or (poly adj3 metaphenylene adj3
isophthalamide) or (polymetaphenylene adj2
isophthalamide)) and ((para adj aramid\$1) or
(para-aramid\$1) or (p-aramid) or (p adj2 aramid)
or (KEVLAR) or twaron or PPTA or (poly adj3
paraphenylene adj2 terphthalamide)) and
(denier\$3 or decitex\$3 or dtex\$3 or (linear adj2
densu\$3))

USPAT 2003/01/21
15:18

7 (MPIA or (m adj3 aramid) or (m-aramid) or
TELJINCONEX or (poly adj3 metaphenylene adj2
isophthalamide) or (polymetaphenylene adj2
isophthalamide)) same (filament\$3 same (tex\$3 or
denier\$3 or dtex\$3 or decitex\$3 or (linear adj2
densu\$3))

USPAT 2003/01/21
15:21

38 (MPIA or (m adj3 aramid) or (m-aramid) or
TELJINCONEX or (poly adj3 metaphenylene adj3

USPAT 2003/01/21
15:32

34	(MPIA or (m adj3 aramid) or (m-aramid) or TELJINCONEX or (poly adj3 metaphenylene adj3 isophthalamide) or (polymetaphenylene adj2 isophthalamide)) same yarn\$3	USPAT	2003/01/22 09:09
26	(MPIA or (m adj3 aramid) or (m-aramid) or TELJINCONEX or (poly adj3 metaphenylene adj3 isophthalamide) or (polymetaphenylene adj2 isophthalamide)) same yarn\$3 and (tex\$3 or decitex\$3 or denier\$3 or dtex\$3 or (linear adj3 densit\$3))	USPAT	2003/01/21 15:41
161	(57/200).CCLS.	USPAT	2003/01/21 15:41
0	(MPIA or (m adj3 aramid) or (m-aramid) or TELJINCONEX or (poly adj3 metaphenylene adj3 isophthalamide) or (polymetaphenylene adj2 isophthalamide)) and (tex\$3 or decitex\$3 or denier\$3 or dtex\$3 or (linear adj3 densit\$3)) and (57/200).CCLS.)	USPAT	2003/01/21 15:42
135	(MPIA or (m adj3 aramid) or (m-aramid) or TELJINCONEX or (poly adj3 metaphenylene adj3 isophthalamide) or (polymetaphenylene adj2 isophthalamide)) and (tex\$3 or decitex\$3 or denier\$3 or dtex\$3 or (linear adj3 densit\$3))	USPAT	2003/01/21 15:44
1	"4031188".PN.	USPAT	2003/01/22 08:52
1	"4081498".PN.	USPAT	2003/01/22 08:53
1	"4331729".PN.	USPAT	2003/01/22 08:54
1	"4365655".PN.	USPAT	2003/01/22 08:55
1	"4865906".PN.	USPAT	2003/01/22 08:56
1	"4902561".PN.	USPAT	2003/01/22 08:57
1	"4987664".PN.	USPAT	2003/01/22 08:58
1	"4987664".PN.	USPAT	2003/01/22 08:58
1	"5015522".PN.	USPAT	2003/01/22 09:00
1	"5015522".PN.	USPAT	2003/01/22 09:00
1	"5188896".PN.	USPAT	2003/01/22 09:00
1	"5188896".PN.	USPAT	2003/01/22 09:01
1	"5233736".PN.	USPAT	2003/01/22 09:01
1	"5275875".PN.	USPAT	2003/01/22 09:02
1	"5356707".PN.	USPAT	2003/01/22 09:02
1	"5582912".PN.	USPAT	2003/01/22 09:06
1	"5688577".PN.	USPAT	2003/01/22 09:06

-	3	6287686	USPAT	2003/01/22 09:28
-	1	4198494".PN.	USPAT	2003/01/22 09:21
-	1	4282283".PN.	USPAT	2003/01/22 09:21
-	1	4941884".PN.	USPAT	2003/01/22 09:22
-	1	5534325".PN.	USPAT	2003/01/22 09:22
-	1	5534325".PN.	USPAT	2003/01/22 09:22
-	1	5560990".PN.	USPAT	2003/01/22 09:22
-	1	5824614".PN.	USPAT	2003/01/22 09:23
-	1	5849648".PN.	USPAT	2003/01/22 09:23
-	1	5849648".PN.	USPAT	2003/01/22 09:23
-	1	5853880".PN.	USPAT	2003/01/22 09:23
-	1	5888652".PN.	USPAT	2003/01/22 09:23
-	1	5918453".PN.	USPAT	2003/01/22 09:27
-	1	5918453".PN.	USPAT	2003/01/22 09:28
-	1	6102128".PN.	USPAT	2003/01/22 09:28
-	1	5918453".PN.	USPAT	2003/01/22 09:28
-	1	6102128".PN.	USPAT	2003/01/22 09:28
-	0	2001/0034897".PN.	USPAT	2003/01/22 09:28
-	8	"19617634" "2104929" "2253194"	USPAT	2003/01/22 09:29
-	21	"19617634" 2104929 2253194	USPAT; EPO; JPO; DERWENT	2003/01/22 09:30
-	1	kevlar and nomex	JPO	2003/01/22 09:30
-	1	p-aramid and m-aramid	JPO	2003/01/22 09:30
-	6,29	(Nomex or MPDA or any other polyimide resin) or any of	USPAT	2003/01/22 09:30

